

(3) The height of the lower edge of the front windows is limited to prevent any obstruction of the forward view previously described in this section; and

(4) The height of the upper edge of the front windows allows a forward view of the horizon at the conning position, for a person with a height of eye of 1.8 meters (71 inches), when the vessel is at a forward pitch angle of 20 degrees.

(c) Polarized or tinted windows must not be fitted.

[CGD 85-099, 55 FR 32247, Aug. 8, 1990]

Subpart 32.20—Equipment Installations

§ 32.20-1 Equipment installations on vessels during World War II—TB/ALL.

Boilers, pressure vessels, machinery, piping, electrical and other installations, including lifesaving, firefighting and other safety equipment, installed on vessels during the Unlimited National Emergency declared by the President on May 27, 1941, and prior to the termination of title V of the Second War Powers Act, as extended (sec. 501, 56 Stat. 180, 50 U.S.C. 635), which do not fully meet the detailed requirements of the regulations in this chapter, may be continued in service if found to be satisfactory by the Commandant for the purpose intended. In each instance prior to final action by the Commandant, the Officer in Charge, Marine Inspection, shall notify Headquarters of the facts in the case, together with recommendations relative to suitability for retention.

§ 32.20-5 Pressure vacuum relief valves—TB/ALL.

The pressure vacuum relief valve shall be of a type and size approved by the Commandant for the purpose intended. For specifications and procedures re approval, see subpart 162.017 of subchapter Q (Specifications) of this chapter.

§ 32.20-10 Flame arresters—TB/ALL.

Flame arresters must be of a type and size suitable for the purpose intended and meet ASTM F-1273.

[CGD 88-032, 56 FR 35821, July 29, 1991]

§ 32.20-20 Liquid level gaging—T/ALL.

On tankships, the construction or conversion of which is started on or after July 1, 1951, a method for determining the level of the liquid in a cargo tank without opening ullage holes, cargo hatches, or Butterworth plates, shall be provided on all tankships certificated for the carriage of Grade A liquids: *Provided*, That ullage holes fitted with sounding pipes tightly secured to the underside of the tank tops, open at the bottom, and extending to within 18 inches or less of the bottom of the tank shall be considered as complying with the foregoing requirement.

Subpart 32.22T—Tank Level or Pressure Monitoring Devices

SOURCE: CGD 90-071, 62 FR 14830, Mar. 28, 1997, unless otherwise noted.

EFFECTIVE DATE NOTE: At 62 FR 14830, Mar. 28, 1997, subpart 32.22T, consisting of §§ 32.22T-1 and 32.22T-5, was added, effective Apr. 28, 1997, to Apr. 28, 1999.

§ 32.22T-1 Scope and applicability.

(a) *Effective period*. This subpart is effective for 2 years from April 28, 1997.

(b) *Applicability*. The standards set forth in this subpart apply to tank level or pressure monitoring devices developed for use on single-hull tank vessels over 5,000 gross tons carrying oil in bulk as cargo.

(c) *Scope*. This subpart sets performance standards for tank level or pressure monitoring devices. If a device meeting these standards is developed during the effective period of this subpart, the Coast Guard will address installation requirements separately. During the effective period of this subpart no owner or operator is required to install any tank level or pressure